

Andrew P Latham

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

291
citations

1163117

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1372567

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13
times ranked

249
citing authors

#	ARTICLE	IF	CITATIONS
1	Maximum Entropy Optimized Force Field for Intrinsically Disordered Proteins. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 773-781.	5.3	64
2	Consistent Force Field Captures Homologue-Resolved HP1 Phase Separation. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 3134-3144.	5.3	51
3	Multiscale modeling of genome organization with maximum entropy optimization. <i>Journal of Chemical Physics</i> , 2021, 155, 010901.	3.0	38
4	Improving Coarse-Grained Protein Force Fields with Small-Angle X-ray Scattering Data. <i>Journal of Physical Chemistry B</i> , 2019, 123, 1026-1034.	2.6	32
5	Single-stranded nucleic acid binding and coacervation by linker histone H1. <i>Nature Structural and Molecular Biology</i> , 2022, 29, 463-471.	8.2	26
6	Unifying coarse-grained force fields for folded and disordered proteins. <i>Current Opinion in Structural Biology</i> , 2022, 72, 63-70.	5.7	24
7	On the stability and layered organization of protein-DNA condensates. <i>Biophysical Journal</i> , 2022, 121, 1727-1737.	0.5	20
8	Phosphorylation-Dependent Conformations of the Disordered Carboxyl-Terminus Domain in the Epidermal Growth Factor Receptor. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 10037-10044.	4.6	11
9	CO-Induced Restructuring on Stepped Pt Surfaces: A Molecular Dynamics Study. <i>Journal of Physical Chemistry C</i> , 2016, 120, 18180-18190.	3.1	9
10	Structure and Dynamics of N-Glycosylated Human Ribonuclease 1. <i>Biochemistry</i> , 2020, 59, 3148-3156.	2.5	8